

APPLICANT(S): ID DAN, Gavriel J. et al.
SERIAL NO.: Not Yet Assigned
FILED: Herewith
Page 3

AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims 5, 11, 13-19, 29 and 32-36 indicated as cancelled:

1. (Currently amended) An in-vivo device comprising:
 - a semi-rigid shell defining an interior portion; and
 - a ~~stress~~ or pressure sensor connected to the shell and disposed within the interior portion.
2. (Previously presented) The device of claim 1 wherein the sensor is integral with the shell.
3. (Previously presented) The device of claim 1 wherein the sensor is attached to the shell.
4. (Previously presented) The device of claim 1 wherein the sensor is ring shaped.
5. (Cancelled)
6. (Previously presented) The device of claim 1 wherein the shell includes a portion which deforms in response to pressure.
7. (Previously presented) The device of claim 1 wherein the shell includes a stress-responsive element.
8. (Previously presented) The device of claim 1 comprising a power source.
9. (Previously presented) The device of claim 1 comprising an imager.
10. (Previously presented) The device of claim 1 comprising a transmitter.
11. (Cancelled)

APPLICANT(S): ID DAN, Gavriel J. et al.
SERIAL NO.: Not Yet Assigned
FILED: Herewith
Page 4

12. (Previously presented) The device of claim 1 comprising an illumination unit
to produce illumination in proportion to a signal from the sensor.
13. (Cancelled)
14. (Cancelled)
15. (Cancelled)
16. (Cancelled)
17. (Cancelled)
18. (Cancelled)
19. (Cancelled)
20. (Previously presented) An in-vivo device comprising:
a pressure sensor; and
a sensing device for sensing in-vivo data other than pressure.
21. (Previously presented) The device of claim 20, comprising a shell, wherein
the pressure sensor is integral with the shell.
22. (Previously presented) The device of claim 20 comprising a power source.
23. (Previously presented) The device of claim 20 wherein the sensing device
includes an imager.
24. (Previously presented) The device of claim 20 comprising a transmitter.
25. (Previously presented) The device of claim 20 comprising an illumination
unit.
26. (Previously presented) The device of claim 20 comprising an illumination
unit to produce illumination in proportion to a signal from the pressure sensor.

APPLICANT(S): IDDAN, Gavriel J. et al.
SERIAL NO.: Not Yet Assigned
FILED: Herewith
Page 5

27. (Currently amended) A system for collecting in-vivo data, the system comprising:

a receiving unit to receive ~~stress-or~~ pressure data from an in-vivo device; and

a controller to analyze the ~~stress-or~~ pressure data.

28. (Currently amended) The system of claim ~~26~~ 27, wherein the controller is to determine a location of the in-vivo device.

29. (Cancelled)

30. (Currently amended) A method for collecting in-vivo data, the method comprising:

receiving ~~stress-or~~ pressure data from an in-vivo device; and

analyzing the ~~stress-or~~ pressure data.

31. (Previously Presented) The method of claim 30, comprising determining a location of the in-vivo device.

32. (Cancelled)

33. (Cancelled)

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)